

ABSTRACT

The present invention provides a hard coat agent which comprises (A) an ultraviolet curable substance having 5 to 7 function groups, (B) an urethane acrylate oligomer having 2 to 3 function groups and (C) an oligomer type ultraviolet polymerization initiator. The hard coat film can decrease the curl caused by the heat shrinkage and prevent cracking and peeling of the hard coat layer caused by bending, and therefore, is excellent in bending resistance. Also, the hard coat film is excellent in the adhesion property between the hard coat layer and the substrate, pencil hardness of the hard coat layer and abrasion resistance of the hard coat layer.